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PTO/SB/01 (08-03)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**☐Declaration  
Submitted  
With Initial  
Filing

OR

☒Declaration  
Submitted after Initial  
Filing (surcharge  
(37 CFR 1.16 (e))  
required)

Attorney Docket Number

1700.133

First Named Inventor

Michael J. Collins, Jr. et al.

COMPLETE IF KNOWN

Application Number

10/605,021

Filing Date

September 2, 2003

Art Unit

3742

Examiner Name

**I hereby declare that:**

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Controlled Flow Instrument for Microwave Assisted Chemistry with High Viscosity Liquids and Heterogeneous Mixtures

(Title of the Invention)

the specification of which

☐

is attached hereto

OR

☒

was filed on (MM/DD/YYYY)

09/02/2003

as United States Application Number or PCT International

Application Number

10/605,021

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				Yes	No
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

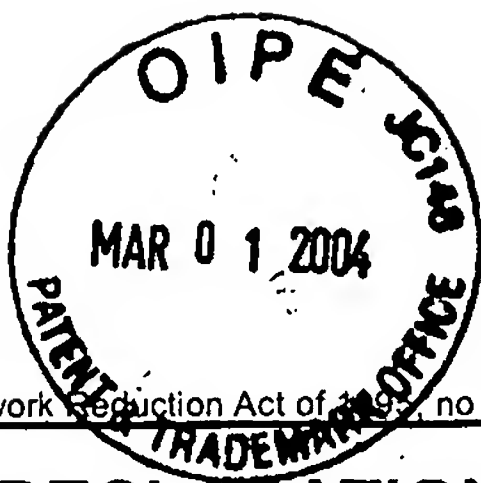
This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**DECLARATION — Utility or Design Patent Application**

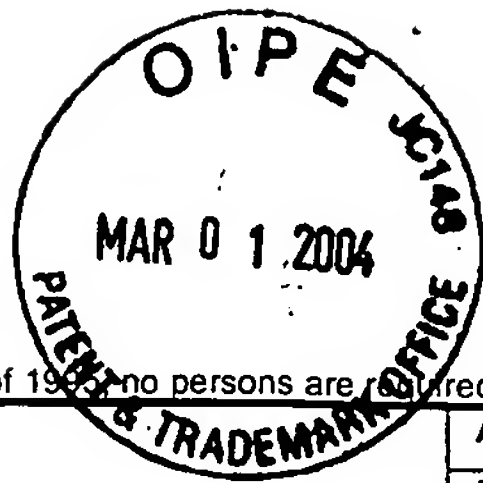
Direct all correspondence to: <input checked="" type="checkbox"/> Customer Number: <span style="border: 1px solid black; padding: 2px 10px;">021176</span> <b>OR</b> <input type="checkbox"/> Correspondence address below			
Name			
Address			
City		State	ZIP
Country	Telephone	Fax	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.			
NAME OF SOLE OR FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) Michael John		Family Name or Surname COLLINS, JR.	
Inventor's Signature <i>Michael J. Collins, Jr.</i>		Date <i>Feb. 16, 2004</i>	
Residence: City Charlotte	State NC	Country USA	Citizenship USA
Mailing Address 10225 Thomas Payne Road			
City Charlotte	State NC	ZIP 28277	Country USA
NAME OF SECOND INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) Wyatt Price		Family Name or Surname HARGETT, JR.	
Inventor's Signature <i>Wyatt Price Hargett</i>		Date <i>Feb. 16, 2004</i>	
Residence: City Matthews	State NC	Country USA	Citizenship USA
Mailing Address 3201 Pleasant Plains Road			
City Matthews	State NC	ZIP 28105	Country USA
<input checked="" type="checkbox"/> Additional inventors or a legal representative are being named on the <u>1</u> supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.			

**DECLARATION****ADDITIONAL INVENTOR(S)  
Supplemental Sheet**Page 1 of 1

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Edward Earl		KING	
Inventor's Signature <i>Edward Earl King</i>		Date <i>Feb. 16, 2004</i>	
Residence: City	Charlotte	State	NC
		Country	USA
Citizenship USA			
Mailing Address 4709 Pineland Place			
Mailing Address			
City	Charlotte	State	NC
		Zip	28277
		Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Joseph Joshua		LAMBERT	
Inventor's Signature <i>Joseph Joshua Lambert</i>		Date <i>Feb. 16, 2004</i>	
Residence: City	Charlotte	State	NC
		Country	USA
Citizenship USA			
Mailing Address 1808 Whispering Forest Drive #302			
Mailing Address			
City	Charlotte	State	NC
		Zip	28270
		Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
James Edward		THOMAS	
Inventor's Signature <i>James Edward Thomas</i>		Date <i>Feb. 16, 2004</i>	
Residence: City	Harrisburg	State	NC
		Country	USA
Citizenship USA			
Mailing Address 905 Patricia Avenue			
Mailing Address			
City	Harrisburg	State	NC
		Zip	28075
		Country	USA

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PTO/SB/81 (05-03)

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**POWER OF ATTORNEY OR  
AUTHORIZATION OF AGENT**

Application Number	10/605,021
Filing Date	September 2, 2003
First Named Inventor	Michael J. Collins, Jr. et al.
Title	Controlled Flow Instrument for Microwave...
Art Unit	3742
Examiner Name	
Attorney Docket Number	1700.133

I hereby appoint:

☒ Practitioners at Customer Number

021176

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Name	Registration Number

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Address					
City		State		Zip	
Country					
Telephone		Fax			

I am the:

☒ Applicant/Inventor.☐ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).**SIGNATURE of Applicant or Assignee of Record**

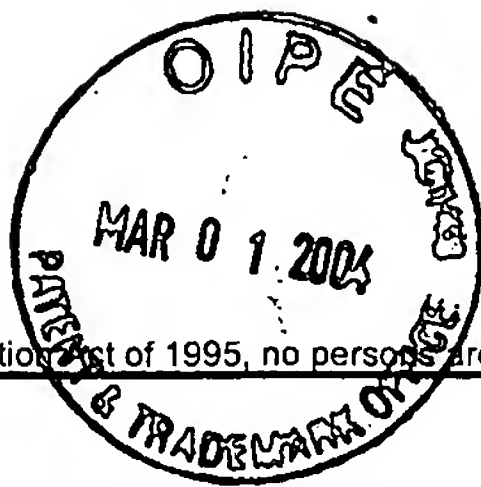
Name	Michael J. Collins, Jr.		
Signature			
Date	Feb. 16, 2004	Telephone	704-821-7015

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☒ \*Total of 5 forms are submitted.

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Applicant/Inventor.

Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).**SIGNATURE of Applicant or Assignee of Record**

Name Wyatt P. Hargett, Jr.

Signature

Date

Telephone

704-821-7015

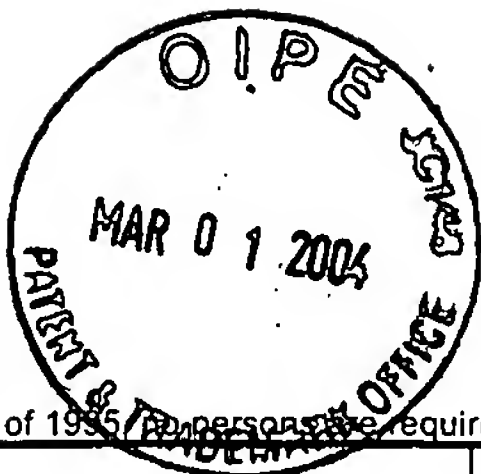
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Name	Edward E. King		
Signature			
Date	Feb. 16, 2004	Telephone	704-821-7015

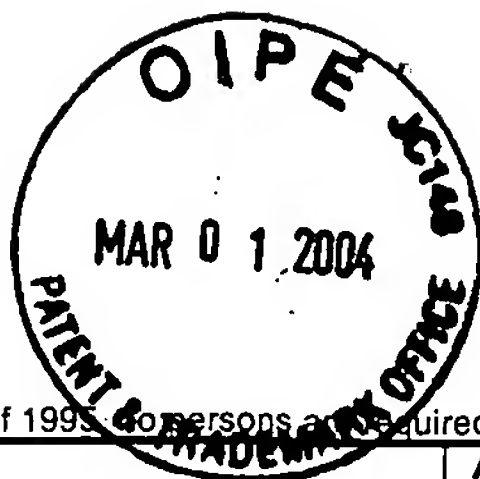
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Name Joseph J. Lambert

Signature

Date Feb. 16, 2004

Telephone 704-821-7015

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Name J/Edward Thomas

Signature

Date

Telephone

704-821-7015

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